



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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H6/A  
12/3/02

APPLICANT(S): Hiroshi Yoshida, et al. DOCKET NO.: 09792909-4825  
SERIAL NO.: 09/815,670 ✓ GROUP ART UNIT: 2828  
DATE FILED: March 23, 2001 EXAMINER: QUYEN PHAN LEUNG  
TITLE : "SEMICONDUCTOR LASER LIGHT EMITTING DEVICE"

RESPONSE TO "A" OFFICE ACTION

BOX AF  
Commissioner for Patents  
Washington, D.C. 20231

SIR:

This amendment is filed in response to the Office Action of July 17, 2002. Please reconsider the application in view of the amendments and remarks presented below.

AMENDMENT

Please amend the following claim:

1. (Once amended.) A semiconductor laser light emitting device comprising:
- a stacked film composed of a stack of group III nitride semiconductor films each containing at least one kind selected from aluminum, gallium, indium, and boron;
- wherein,
- an upper portion of said stacked film is formed into a ridge-like stripe, to form a current injection region;
- a current injection width  $W_{st}$  of said current injection region is in a range of  $1 \mu m \leq W_{st} \leq 3 \mu m$ ;
- a current non-injection region formed on both sides of said ridge-like stripe;
- at least part of said current non-injection region is made from a material expressed by a chemical formula  $Al_xGa_{1-x}N$  ( $0 \leq x \leq 1.0$ ); and

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SONNENSCHNEN, NATH & ROSENTHAL

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APPLICANT(S): Hiroshi Yoshida, et al.

ATTORNEY DOCKET NO. 09792909-4825

U.S. SERIAL NO.: 09/815,670

GROUP ART UNIT: 2828

FILED: March 31, 2001

EXAMINER: Quyen Phan Leung

FOR: "SEMICONDUCTOR LASER LIGHT EMITTING DEVICE"

**RESPONSE TO "A" OFFICE ACTION**

Hon. Assistant Commissioner of Patents  
Washington D.C. 20231

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SIR:

Transmitted herewith is an amendment in the above-identified application.

☐ Additional claim fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	21	MINUS	24		<input type="checkbox"/> X 9.00 <input type="checkbox"/> X 18.00	\$
INDEP. CLAIMS	3	MINUS	3		<input type="checkbox"/> X 42.00 <input type="checkbox"/> X 84.00	\$
Application amended to contain any multiple dependent claims not previously paid for.				<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> \$140.00 <input type="checkbox"/> \$280.00 ONE TIME	
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$ 0

- Applicant petitions the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated July 17, 2002 for 1 month so that the period for response is extended to November 17, 2002.
- The Commissioner is requested and authorized to charge the amount of \$ 110.00 for the required extension fee to **American Express Account No. 378571697401002**. Form 2038 is attached for that purpose.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 19-3140. PTO Customer Account No. 26263. A duplicate of this sheet is enclosed.

SONNENSCHNEN NATH & ROSENTHAL

BY David R. Metzger (Reg. No. 32,919)  
David R. Metzger

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231 on November 18, 2002.

J. M. Kiselka  
SIGNATURE

November 18, 2002  
DATE